Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF090816\
Data File : BF090047.D
Acq On : 9 Sep 2016 1:59
Operator : UM/SJ
Sample : H4680-13MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Manual Integrations APPROVED
umangi
9/9/2016 11:19:18 AM

Quant Time: Sep 09 09:08:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	175985	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	687633	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	326166	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	540634	20.00	ng		0.00
75) Chrysene-d12	13.73	240	393723	20.00	ng		0.00
86) Perylene-d12	15.06	264	305267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1382171	125.71	ng		0.02
7) Phenol-d6	6.26	99	1582640	118.47	ng		0.01
23) Nitrobenzene-d5	7.18	82	1017117	85.78	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	342439	106.42	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1680165	84.56	ng		0.00
78) Terphenyl-d14	12.69	244	1317307	82.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	140130	26.90	ng	#	93
3) Pyridine	2.70	79	385062	27.71	ng		98
4) n-Nitrosodimethylamine	2.64	42	234561	34.22	ng		99
6) Aniline	6.28	93	505955	27.76	ng	#	76
8) 2-Chlorophenol	6.39	128	449998	37.73	ng		95
9) Benzaldehyde	6.14	77	60225	6.99	ng		90
10) Phenol	6.27	94	596524	38.40	ng	#	78
11) bis(2-Chloroethyl)ether	6.35	93	477107	40.58	ng		87
12) 1,3-Dichlorobenzene	6.54	146	472812m	35.49	ng		
13) 1,4-Dichlorobenzene	6.62	146	503076	36.91	ng		99
14) 1,2-Dichlorobenzene	6.78	146	473603	38.76	ng		96
15) Benzyl Alcohol	6.75	79	321704	38.44	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	807288	36.01	ng		93
17) 2-Methylphenol	6.88	107	336891	35.37	ng		98
18) Hexachloroethane	7.12	117	148502	31.81	ng	#	77
19) n-Nitroso-di-n-propylamine	7.04	70	323625	37.17	ng		98
20) 3+4-Methylphenols	7.04	107	441008	38.19	ng	#	72
22) Acetophenone	7.03	105	569452	36.91	ng	#	91
24) Nitrobenzene	7.19	77	424353	33.66	ng		98
25) Isophorone	7.44	82	865331	35.89	ng		97
26) 2-Nitrophenol	7.51	139	195056	32.37	ng		96
27) 2,4-Dimethylphenol	7.56	122	406030	36.43	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	550372	37.85	ng		99
29) 2,4-Dichlorophenol	7.76	162	395389	39.57	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	438321	40.12	ng		100
31) Naphthalene	7.91	128	1241651	36.25	ng		100
32) Benzoic acid	7.64	122	38465	5.12	ng	#	87
33) 4-Chloroaniline	7.98	127	444827	32.18	ng		97
34) Hexachlorobutadiene	8.03	225	233531	36.48	ng		99
35) Caprolactam	8.34	113	110867	35.15	ng		95
36) 4-Chloro-3-methylphenol	8.47	107	371238	35.08	ng		99
37) 2-Methylnaphthalene	8.60	142	936141	41.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	335975	35.16	ng		99
40) Hexachlorocyclopentadiene	8.75	237	124046	25.32	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	243821	36.82	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	265181	41.64	ng		97
45) 1,1'-Biphenyl	9.06	154	907161	34.54	ng		99
46) 2-Chloronaphthalene	9.08	162	738640	39.76	ng		99
47) 2-Nitroaniline	9.19	65	250587	41.26	ng		90
48) Acenaphthylene	9.50	152	1131752	36.84	ng		99
49) Dimethylphthalate	9.38	163	1820701	77.23	ng		99
50) 2,6-Dinitrotoluene	9.44	165	188805	36.01	ng	#	64
51) Acenaphthene	9.67	154	702516	36.10	ng		99
52) 3-Nitroaniline	9.60	138	231405	38.70	ng		88
53) 2,4-Dinitrophenol	9.70	184	13625	8.92	ng	#	70
54) Dibenzofuran	9.84	168	1055219	40.46	ng		99
55) 4-Nitrophenol	9.77	139	237112	52.57	ng	#	60
56) 2,4-Dinitrotoluene	9.83	165	200653	30.18	ng	#	76
57) Fluorene	10.18	166	780276	40.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	213371	39.14	ng		93
59) Diethylphthalate	10.07	149	835873	37.69	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	367920	41.03	ng		96
61) 4-Nitroaniline	10.20	138	208936	35.56	ng		90
62) Azobenzene	10.33	77	812248	36.67	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	18048	5.21	ng		83
65) n-Nitrosodiphenylamine	10.30	169	670945	41.28	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	238055	43.74	ng		97
67) Hexachlorobenzene	10.72	284	218411	35.13	ng		97
68) Atrazine	10.83	200	214114	39.46	ng		95
69) Pentachlorophenol	10.93	266	232867	69.62	ng		99
70) Phenanthrene	11.13	178	1166781	43.34	ng		99
71) Anthracene	11.18	178	1119360	40.99	ng		99
72) Carbazole	11.34	167	985348	38.48	ng		99
73) Di-n-butylphthalate	11.69	149	1213304	40.66	ng	#	97
74) Fluoranthene	12.31	202	1308025	46.36	ng		98
76) Benzidine	12.45	184	158112	10.60	ng		97
77) Pyrene	12.53	202	1241560	44.72	ng		99
79) Butylbenzylphthalate	13.17	149	468005	41.80	ng		99
80) Benzo(a)anthracene	13.71	228	1027872	42.62	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	268240	30.82	ng	#	95
82) Chrysene	13.75	228	953277m	42.32	ng		
83) Bis(2-ethylhexyl)phthalate	13.74	149	668375	43.16	ng		99
84) Di-n-octyl phthalate	14.34	149	1071606	42.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.29	276	645462	38.76	ng		99
87) Benzo(b)fluoranthene	14.71	252	966490m	50.54	ng		
88) Benzo(k)fluoranthene	14.73	252	592832m	36.53	ng		
89) Benzo(a)pyrene	15.01	252	691821	42.22	ng	#	95
90) Dibenzo(a,h)anthracene	16.30	278	526957	43.89	ng		99
91) Benzo(g,h,i)perylene	16.64	276	544240	45.04	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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